CLAIMS

1. A protein having an amino acid sequence described in SEQ. ID. No. 1 in the Sequence Listing and exhibiting a pesticidal activity.

2. A protein having an amino acid sequence derived by addition, deletion or substitution of a plurality of amino acids in the amino acid sequence described in SEQ. ID. No. 1 in the Sequence Listing and exhibiting a pesticidal activity.

3. A DNA containing a nucleotide sequence encoding the protein as claimed in claim 1.

4. The DNA as claimed in claim 3, containing the nucleotide sequence as described in SEQ. ID. No. 3 in the Sequence Listing.

5. A DNA containing a nucleotide sequence encoding the protein as claimed in claim 2.

6. A noxious organism-controlling agent, comprising

a microbe producing a protein having an amino acid sequence described in SEQ. ID. No. 1 in the Sequence Listing, selected from

(1-1) Bacillus thuringiensis serovar galleriae SDS502

strain,

(1-2) a mutant thereof, and

(1-3) a microbe transformed with a DNA containing a nucleotide sequence encoding a protein having an amino acid sequence described in SEQ. ID. No. 1 in the Sequence Listing, or

a protein having a pesticidal activity, produced by a microbe selected from

(2-1) the above-mentioned SDS502 strain,

(2-2) its mutant, and

(2-3) transformed microbe.

7. A microbe transformed with the DNA as claimed in claim 5 and producing a protein exhibiting the pesticidal activity as claimed in claim 2.

8. A plant transformed with the DNA as claimed in claim 3 or 5, or a seed thereof

9. A method for controlling a noxious organism, wherein the protein as claimed in claim 1 or 2 above is fed to a noxious organism to protect a plant from a damage caused by the noxious organism.

10. The method for controlling a noxious organism as claimed in claim 9, wherein the noxious organism is a Coleoptera insect and the plant is protected from a damage

caused by the noxious organism.

11. Bacillus thuringiensis serovar galleriae SDS502 strain producing a protein having an amino acid sequence described in SEQ. ID. No. 1 in the Sequence Listing and exhibiting a pesticidal activity.